

RESULT 9 AA662775 425 bp mRNA EST 12-NOV-1997

LOCUS

DEFINITION nu95403.s1 NCI-CGAP\_P122 Homo sapiens cDNA clone IMAGE:1218437 similar to WP:027F2.4 CE01171 METHYLTRANSFERASE ; contains Alu repetitive element; mRNA sequence.

ACCESSION AA662775

NID 92616765

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1 (bases 1 to 425)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

Unpublished (1997)

JOURNAL

ENT

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Tissue Procurement: Michael J. Brownstein, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.  
CDNA Library Preparation: M. Bento Soares, Ph.D.  
CDNA Library Arrayed by: Greg Lennon, Ph.D.  
DNA Sequencing by: Washington University Genome Sequencing Center  
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www.bio.llnl.gov/bdrp/image/image.html

Seq primer: -40m13 fwd. ET from Amersham  
High quality sequence. stop: 396.

Location/Qualifiers

1..425

/organism="Homo sapiens"

/note="Organ: prostate; Vector: pT73D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from normal prostate bulk tissue, and was then primed with a Not I - Oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT73 vector. Library is normalized, and was constructed by Bento Soares and M. Fatima Bonaldo."

/db\_xref="taxon:9606"

/clone\_image="1218437"

/clone\_id="NCI-CGAP\_P122"

/sex="male"

/tissue\_type="normal prostate"

/lab\_host="DH10B"

BASE COUNT 92 a 128 c 94 g 111 t

ORIGIN

Query Match 37.4%; Score 425; DB 11; Length 425;  
Best Local Similarity 100.0%; Pred. No. 0.00e+00;  
Matches 425; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 TCTCCCTGTAAGGAAAGATTATATGTTGCGGAGGAGTCTTAACTCTGCGCCCA 60

CP 1126 TCTCCCTGTAAGGAAAGATTATATGTTGCGGAGGAGTCTTAACTCTGCGCCCA 1067

DB 61 ATGATCTCTCCAGCTCAAGCTCTCAAGATGCTGGATTAACAGTGTGAGCCACGAGCC 120

CP 1066 ATGATCTCTCCAGCTCAAGCTCTCAAGATGCTGGATTAACAGTGTGAGCCACGAGCC 1007

DB 121 GGCCGAGAACTTTTCTTACTGAGAAACATTTTATTAAGCTTTGAACTTTTCTAA 180

CP 1006 GGCCGAGAACTTTTCTTACTGAGAAACATTTTATTAAGCTTTGAACTTTTCTAA 947

DB 181 AATACACTTTGTGAGCTAACAATATAGAAAAGTCCAGAGGCAAGTCTTTTCCAGAAC 240

CP 946 AATACACTTTGTGAGCTAACAATATAGAAAAGTCCAGAGGCAAGTCTTTTCCAGAAC 897

DB 241 CGGAGTGACTTAGAAGAGGGGCTGGCGCTTGGCGGCGGAGTACTGGTGCAGTCTG 300

CP 886 CGGAGTGACTTAGAAGAGGGGCTGGCGCTTGGCGGCGGAGTACTGGTGCAGTCTG 827

DB 301 ACTTCCTGCGCTGGCGGCTGTGGCGCTCTCTTCTTCCAGACCATGGCCGACTTTC 360

CP 826 ACTTCCTGCGCTGGCGGCTGTGGCGCTCTCTTCTTCCAGACCATGGCCGACTTTC 767

DB 361 CTCACATTCGCCGCTCGACATCTCTTAATGGAACCTTCATGTGGAACAGACTCC 420

CP 766 CTCACATTCGCCGCTCGACATCTCTTAATGGAACCTTCATGTGGAACAGACTCC 707

DB 421 CTGGG 425

CP 706 CTGGG 702

RESULT 10 AA054310 463 bp mRNA EST 01-DEC-1996

LOCUS

DEFINITION 2168a05.s1 Stratagene colon (#937204) Homo sapiens cDNA clone 509744.3' similar to WP:027F2.4 CE01171 METHYLTRANSFERASE ; contains Alu repetitive element; mRNA sequence.

ACCESSION AA054310

NID 91545235

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Eukaryotes; Metazoa; Chordata; Vertebrata; Eutheria; Primates; Catarrhini; Homidae; Homo.

REFERENCE 1 (bases 1 to 463)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kuabara, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and Wilson, R.

WashU-Merck EST Project

Unpublished (1995)

Location/Qualifiers

1..463

/organism="Homo sapiens"

/note="Organ: colon; Vector: pBluescript SK-; Site: 1; EcoRI; Site: 2; XhoI; Cloned unidirectionally. Primer: Oligo dT, T-84 colonic epithelial cell line. Average insert size: 1.0 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5' GAATTCGGCAGCAG 3' -3' adaptor sequence: 5' CTCGAGTCTTTTCTTTTCTTTT 3'."

/db\_xref="taxon:9606"

/clone\_image="509744"

/clone\_id="Stratagene colon (#937204)"

/lab\_host="SOLR cells (kanamycin resistant)"

BASE COUNT 99 a 136 c 100 g 127 t 1 others

ORIGIN

Query Match 36.3%; Score 412; DB 22; Length 463;  
Best Local Similarity 98.2%; Pred. No. 0.00e+00;  
Matches 444; Conservative 0; Mismatches 3; Indels 5; Gaps 5;

1 TTTCTCCCTGTAAGGAAAGATTATATGTTGCGGAGGAGTCTTAACTCTGCGCC 60

